

AMENDMENTS TO THE CLAIMS

1. (Canceled).
2. (Canceled).
3. (Canceled).
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90. (Currently Amended) A medical diagnostic workstation,
said workstation comprising:

an assemblage supporting a computing device and at least one medical device that is adapted to be connected to at least one patient to obtain physiological data relating to a said patient, wherein said computing device receives physiologic data from said at least one connected medical device and stores said physiologic data into at least one patient medical record,

said at least one supported medical device including a sphygmomanometer having an inflatable cuff and a pressure central assembly to inflate and deflate said cuff, wherein said pressure control assembly is automatically controlled to a predetermined inflation pressure by said workstation prior to measurement depending on trended blood pressure readings that are stored as physiologic data in said patient medical record, wherein said trended blood pressure readings for a patient are analyzed to compute the predetermined inflation pressure therefor.

91. (Canceled).

92. (Withdrawn) A workstation as recited in Claim 90, wherein said workstation further includes a bar code scanner, said cuff including machine readable language indicative of the cuff size wherein said pressure control assembly is further programmed to inflate said cuff to a predetermined inflation pressure based on the scanning of said machine readable language provided on said cuff.

93. (Withdrawn) A workstation as recited in Claim 90, wherein said computing device includes at least one database for storing patient physiological readings, said workstation having at least one input device for identifying said at least one patient, wherein identification of a said patient automatically accesses said database and initiates examination of previous patient readings to permit automated preprogramming of the pressure control assembly for the identified patient prior to measurement.

94. (Previously Presented) A workstation as recited in Claim 90, wherein said at least one supported medical device is a vital signs collecting device, said sphygmomanometer being a component module of said vital signs collecting device.

95. (Previously Presented) A workstation as recited in Claim 90, wherein said at least one supported medical device and said computing device are wirelessly linked.

96. (Previously Presented) A workstation as recited in Claim 90, wherein the computing device of said workstation receives patient related data from at least one additional medical device, wherein said additional medical device is not structurally supported by said assemblage.

97. (Previously Presented) A workstation as recited in Claim 90, wherein said workstation is programmed to automatically take patient readings using said at least one supported medical device according to a specified time protocol.

98. (Previously Presented) A workstation as recited in Claim 90, wherein said workstation is programmed to provide an alert if a patient's readings are changed by a predetermined percentage.

99. (Previously Presented) A workstation as recited in Claim 98, wherein the range covered by said alert is based upon an automated examination of existing or stored patient readings in order to deduce a normal reading for the identified patient.

100. (Previously Presented) A workstation as recited in Claim 99, wherein said readings are blood pressure readings of a said patient such that individual patients can be provided with alert ranges that are different from one another.

101. (Previously Presented) A workstation as recited in Claim 96, wherein at least one said additional and structurally unsupported medical device is connected to said computing device of said workstation through a computer network.

102. (Previously Presented) A workstation as recited in Claim 96, wherein said at least one additional and structurally unsupported medical device is wirelessly connected to said workstation.

103. (Previously Presented). A workstation as recited in Claim 90, wherein said assemblage is mobile.

104. (Currently Amended) A medical workstation comprising:
an assemblage supporting a computing device and at least one medical device that is adapted to be connected to a patient to obtain physiologic data relating to a said patient, wherein said computing device receives said physiologic data from said at least one supported medical device and stores said data in a database thereof;
said workstation being programmed to periodically collect physiologic data using said at least one supported medical device according to specified time intervals, said workstation being further programmed to sound an alert if readings obtained as physiologic data related to a said patient exceeds a predetermined percentage, wherein the basis of said alert about which said percentage is applied are current patient specific readings as compared to an automated trend analysis of previously stored and existing readings relating to said patient, in which previous stored readings are compared against a current blood pressure reading and the alert is sounded when the current reading deviates by said percentage as compared to the previous stored readings of said patient.

105. (Previously Presented) A workstation as recited in Claim 104, wherein said at least one medical device is a sphygmomanometer, wherein blood pressure readings for said alert are based upon a determination of a normal patient specific reading prior to applying said percentage.

106. (Previously Presented) A workstation as recited in Claim 105, wherein

said at least one medical device includes a vital signs collecting device, said sphygmomanometer being a component of said vital signs collecting device.

107. (Withdrawn) A method of taking blood pressure of at least one patient using a medical diagnostic workstation, said workstation including a computing device and at least one connected medical device for capturing physiologic data pertaining to said at least one patient for storage of said data as part of a patient record, said at least one medical device including a sphygmomanometer having an inflatable cuff and a pressure control assembly, said method including the steps of:

determining the status of the patient by examining previously stored and existing blood pressure readings; and
automatically setting an inflation pressure of said cuff by controlling said pressure control assembly prior to initiating a blood pressure measurement.

108. (Withdrawn) A method as recited in Claim 107, wherein said workstation includes an input device, said method including the step of identifying the patient to the workstation prior to said determining step using said input device, wherein said patient identifying step automatically initiates said patient status determining step.

109. (Withdrawn) A method of taking blood pressure of at least one patient using a medical diagnostic workstation, said workstation including a computing device, at least one connected medical device for capturing physiologic data pertaining to said at least one patient for storage of said data as part of a patient record and a bar code scanner, said at least one medical device including a sphygmomanometer having an inflatable cuff and a pressure control assembly, said method including the steps of:

determining the type of cuff used by scanning a machine readable label affixed to said cuff using said scanner; and
automatically setting an inflation pressure of said cuff by automatically setting an inflation pressure of said cuff by controlling said pressure control assembly based on the information scanned from said label prior to initiating a blood pressure measurement on a said patient.